

Shielding plans **are** required for:

- 1) All diagnostic medical x-ray units installed at new facilities.
- 2) Relocation of a unit within a facility.
- 3) All installations of therapeutic x-ray or accelerator units.
- 4) All installations of x-ray equipment at veterinary offices.
- 5) All industrial x-ray units used in shielded room configurations.
- 6) All dental cephalometric and TMJ units.
- 7) Replacement of an existing x-ray unit at a facility, to include the control, and/or generator.
- 8) Table bone density units (or area survey if **prior** approval is granted)
- 9) Mobile and portable radiographic units with a permanent cassette holder

Shielding plans **may be** required for:

- 1) Modifications to an existing approved installation, such as moving the operator's barrier, or installing vertical cassette holder.
- 2) Changes to an approved plan that may affect the shielding requirements, such as changing the film/screen system used, etc.
- 3) Dental intraoral units that are installed in modular type cabinets where there are not complete barriers between adjacent areas

The only units that generally do not require shielding plans to be submitted are dental intraoral units installed in rooms with complete walls, and most industrial and analytical x-ray equipment, as well as peripheral bone density units. In those cases where a plan may or may not be required, please contact the Department for assistance.